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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2009; month=4; day=25; hr=22; min=53; sec=56; ms=854; ]

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Application No: 10581613 Version No: 2.0

Input Set:

Output Set:

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Finished: 2009-04-16 15:17:57.932  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 861 ms  
Total Warnings: 7  
Total Errors: 0  
No. of SeqIDs Defined: 45  
Actual SeqID Count: 45

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# SEQUENCE LISTING

<110> Her Majesty the Queen in Right of Canada as Represented by  
the Minister of Health

<120> Anti-SARS Monoclonal Antibodies

<130> 85084-803

<140> 10581613

<141> 2009-04-16

<150> US60/526971

<151> 2003-12-05

<150> US60/568225

<151> 2004-05-06

<160> 45

<170> PatentIn version 3.3

<210> 1

<211> 133

<212> PRT

<213> Mus musculus

<400> 1

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Ser	Val	Lys	Ile	Ser	Cys	Lys	Thr	Ser	Gly	Tyr	Thr	Phe	Thr	Glu	Tyr
			20					25					30		

Thr	Met	His	Trp	Val	Lys	Gln	Ser	His	Gly	Lys	Asn	Leu	Glu	Trp	Ile
		35					40					45			

Gly	Gly	Ile	Asn	Pro	Asn	Asn	Gly	Gly	Thr	Thr	Tyr	Asn	Gln	Lys	Phe
50						55					60				

Lys	Gly	Lys	Ala	Thr	Leu	Thr	Val	Asp	Lys	Ser	Ser	Asn	Thr	Ala	Tyr
65					70				75					80	

Met	Glu	Leu	Arg	Ser	Leu	Thr	Ser	Glu	Asp	Ser	Ala	Val	Tyr	Tyr	Cys
				85					90					95	

Ser	Arg	Gly	Asp	Tyr	Gly	Thr	Ser	Tyr	Gly	Tyr	Phe	Asp	Val	Trp	Gly
				100					105					110	

Ala Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser  
115 120 125

Val Tyr Pro Leu Ala  
130

<210> 2  
<211> 128  
<212> PRT  
<213> Mus musculus

<400> 2

Val Glu Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser  
1 5 10 15

Val Lys Met Ser Cys Glu Ala Ser Gly Tyr Thr Phe Thr Thr Tyr Trp  
20 25 30

Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly  
35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe Lys  
50 55 60

Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Tyr Met  
65 70 75 80

Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr  
85 90 95

Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Met Asp Tyr Trp Gly Gln  
100 105 110

Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val  
115 120 125

<210> 3  
<211> 127  
<212> PRT  
<213> Mus musculus

<400> 3

Val Gln Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser  
1 5 10 15

Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr Trp  
20 25 30

Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly  
35 40 45

Ala Ile Tyr Pro Gly Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe Lys  
50 55 60

Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr Met  
65 70 75 80

Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr  
85 90 95

Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala Gly  
100 105 110

Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val  
115 120 125

<210> 4  
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<212> PRT  
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<400> 4

Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala  
1 5 10 15

Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr  
20 25 30

Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Asp Trp Ile  
35 40 45

Gly Ala Ile Tyr Pro Glu Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe  
50 55 60

Lys Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr  
65 70 75 80

Met Glu His Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys

85

90

95

Thr Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala  
 100 105 110

Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val  
 115 120 125

Tyr Pro Leu Ala Pro Val Cys Gly Asp Thr Thr Gly Ser Ser Val Thr  
 130 135 140

Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Leu Thr  
 145 150 155 160

Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val  
 165 170 175

Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Thr Ser  
 180 185 190

Ser Thr Trp Pro Ser Gln Ser Ile Thr Cys Asn Val Ala His Pro Ala  
 195 200 205

Ser Ser Thr Lys Val Asp Lys Lys Ile Glu Pro Arg Val Pro Thr Ser  
 210 215 220

Gln Asn  
 225

<210> 5  
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 <212> PRT  
 <213> Mus musculus

<400> 5

Leu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Pro Arg Pro Gly Ala  
 1 5 10 15

Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr  
 20 25 30

Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile  
 35 40 45

Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Asn Tyr Asn Gln Lys Phe  
50 55 60

Lys Gly Arg Ala Thr Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Ser  
65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys  
85 90 95

Thr Arg Asp Gly Tyr Gly Ser Leu Tyr Tyr Tyr Ala Met Asp Phe Trp  
100 105 110

Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro  
115 120 125

Ser Val Lys  
130

<210> 6  
<211> 133  
<212> PRT  
<213> Mus musculus

<400> 6

Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala  
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Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Thr Tyr  
20 25 30

Arg Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile  
35 40 45

Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe  
50 55 60

Lys Asp Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Ser Ala Tyr  
65 70 75 80

Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Phe Cys  
85 90 95

Thr Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Leu Asp Tyr Trp Gly

100

105

110

Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser  
 115 120 125

Val Tyr Pro Leu Ala  
 130

<210> 7  
 <211> 130  
 <212> PRT  
 <213> Mus musculus

<400> 7

Glu Val Gln Leu Glu Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln  
 1 5 10 15

Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Asn Tyr  
 20 25 30

Asp Ile Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu  
 35 40 45

Gly Ile Ile Trp Thr Gly Gly Gly Thr Ser Tyr Asn Ser Ala Phe Met  
 50 55 60

Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Val Phe Leu  
 65 70 75 80

Lys Met Asn Ser Leu Gln Thr Asp Asp Thr Ala Ile Tyr Tyr Cys Val  
 85 90 95

Arg Asp Arg Val Tyr Tyr Phe Pro Met Asp Tyr Trp Gly Gln Gly Thr  
 100 105 110

Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val Tyr Pro  
 115 120 125

Leu Ala  
 130

<210> 8  
 <211> 139  
 <212> PRT



<213> Mus musculus

<400> 8

Met Glu Trp Ser Trp Val Phe Leu Phe Leu Val Ala Thr Ala Thr Asp  
1 5 10 15

Val His Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Lys  
20 25 30

Pro Gly Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe  
35 40 45

Thr Asn Tyr Trp Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu  
50 55 60

Glu Trp Ile Gly Glu Ile Asn Pro Gly Asn Gly Arg Thr Asn Tyr Asn  
65 70 75 80

Gly Asn Phe Met Asn Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn  
85 90 95

Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val  
100 105 110

Tyr His Cys Ala Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr  
115 120 125

Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val  
130 135

<210> 9

<211> 123

<212> PRT

<213> Mus musculus

<400> 9

Val Gln Leu Leu Glu Ser Gly Ala Glu Leu Val Lys Pro Gly Ala Ser  
1 5 10 15

Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr Trp  
20 25 30

Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly  
35 40 45

Glu Ile Asn Pro Ser Asn Gly Arg Thr Asn Tyr Asn Gly Asn Phe Glu  
50 55 60

Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr Met  
65 70 75 80

His Leu Ser Ser Leu Thr Tyr Glu Asp Ser Ala Val Tyr His Cys Thr  
85 90 95

Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser Ala  
100 105 110

Lys Thr Thr Ala Pro Ser Val Tyr Pro Leu Ala  
115 120

<210> 10  
<211> 120  
<212> PRT  
<213> Mus musculus

<400> 10

Asp Ile Leu Met Thr Gln Ser Pro Thr Ser Phe Ala Val Ser Leu Gly  
1 5 10 15

Gln Arg Ala Thr Ile Ser Cys Arg Thr Ser Gln Ser Val Ser Thr Ser  
20 25 30

Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro  
35 40 45

Lys Leu Leu Ile Lys Tyr Ala Ser Asn Leu Glu Ser Gly Val Pro Ala  
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Ser Asp Phe Thr Leu Asn Ile His  
65 70 75 80

Pro Val Glu Glu Gly Asp Thr Ala Thr Tyr Tyr Cys Gln His Ser Trp  
85 90 95

Glu Ile Pro Cys Ala Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg  
100 105 110

Ala Asp Ala Ala Pro Thr Val Ser  
115 120

<210> 11  
<211> 116  
<212> PRT  
<213> Mus musculus

<400> 11

Glu Leu Val Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly  
1 5 10 15

Glu Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Glu Ile Ser Gly Tyr  
20 25 30

Leu Ser Trp Leu Gln Gln Lys Pro Asp Gly Thr Ile Lys Arg Leu Ile  
35 40 45

Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val Pro Lys Arg Phe Ser Gly  
50 55 60

Ser Arg Ser Gly Ser Asp Tyr Ser Leu Thr Ile Ser Ser Leu Glu Ser  
65 70 75 80

Glu Asp Phe Ala Asp Tyr Tyr Cys Leu Gln Tyr Ile Ser Tyr Pro Trp  
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala  
100 105 110

Pro Thr Val Ser  
115

<210> 12  
<211> 116  
<212> PRT  
<213> Mus musculus

<400> 12

Asp Ile Leu Met Thr Gln Ser His Lys Cys Met Ser Thr Ser Val Gly  
1 5 10 15

Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser Thr Ala  
20 25 30

Val Val Trp Tyr Gln Gln Lys Pro Gly Gln Phe Pro Lys Leu Leu Ile  
35 40 45

Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly  
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala  
65 70 75 80

Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Thr Thr Pro Tyr  
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala  
100 105 110

Pro Thr Val Ser  
115

<210> 13  
<211> 116  
<212> PRT  
<213> Mus musculus

<400> 13

Asp Ile Leu Met Thr Gln Ser His Lys Phe Met Ser Thr Ser Val Gly  
1 5 10 15

Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser Thr Ala  
20 25 30

Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile  
35 40 45

Tyr Trp Ala Ser Thr Arg His Thr Gly Val Pro Asp Arg Phe Thr Gly  
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Val Gln Ala  
65 70 75 80

Glu Asp Leu Ala Leu Tyr Tyr Cys Gln Gln His Tyr Ser Thr Pro Tyr  
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala

100

105

110

Pro Thr Val Ser  
115

<210> 14  
<211> 127  
<212> PRT  
<213> Mus musculus

<400> 14

Glu Leu Val Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly  
1 5 10 15

Asp Arg Val Thr Ile Ser Cys Arg Ala Ser Gln Asp Ile Ser Asn Tyr  
20 25 30

Leu Asn Trp Tyr Gln Gln Lys Pro Asp Gly Thr Val Lys Leu Leu Ile  
35 40 45

Tyr Tyr Thr Ser Arg Leu His Ala Gly Val Pro Ser Arg Phe Ser Gly  
50 55 60

Ser Gly Ser Gly Thr Asp Tyr Ser Leu Thr Ile Ser Asn Leu Glu Gln  
65 70 75 80

Glu Asp Ile Ala Thr Tyr Phe Cys Gln Gln Gly Tyr Thr Leu Pro Tyr  
85 90 95

Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala  
100 105 110

Pro Thr Val Ser Lys Gly Glu Phe Gln His Thr Gly Gly Arg Tyr  
115 120 125

<210> 15  
<211> 115  
<212> PRT  
<213> Mus musculus

<400> 15

Asp Ile Leu Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Leu Gly  
1 5 10 15

Glu Arg Val Ser Leu Thr Cys Arg Ala Ser Gln Glu Ile Ser Gly Tyr  
20 25 30

Leu Ser Trp Leu Gln Glu Lys Pro Asp Gly Thr Ile Lys Arg Leu Ile  
35 40 45

Tyr Ala Ala Ser Thr Leu Asp Ser Gly Val P